

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.

201482US0XCIP

JC813 U.S. PTO

09/749998

First Inventor or Application Identifier

Isao KARUBE

Title

METHOD FOR DETECTING DNA WITH PROBE PNA

12/29/00

Assignee Name: ISAO KARUBE AND DAI NIPPON PRINTING CO., LTD.

Assignee Address: 1-3-16, Higashi-Arima, Miyamae-Ku, Kawasaki-Shi, Kanagawa-Ken, JAPAN & 1-1, Ichigaya-Kaga-Cho 1-Chome, Shinjuku-Ku, Tokyo-To, JAPAN

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification Total Sheets **22**
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **6**
4. ☐ Oath or Declaration Total Pages **1**
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation / divisional w/ box 16 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in
the prior application, see 37 C.F.R. §1.63(d)(2) and
1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer
Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification or Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Application Data Sheet. See 37 CFR 1.76
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
12. ☐ Preliminary Amendment
13. ☒ White Advance Serial No. Postcard
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Applicant claims small entity status.
See 37 CFR 1.27
16. ☒ Other: Request for Priority w/copy of PCT/IB/304
List of Inventors Names and Addresses

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application no.: 09/147,791
Prior application information: Examiner: Enewold, J. Group Art Unit: 1655

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

- ☒ This application is a ☐ Continuation ☐ Division ☒ Continuation-in-part (CIP)
of application Serial No. 09/147,791 Filed on March 9, 1999, pending, which was filed as International
Application PCT/JP98/03077, filed July 9, 1998.
- ☐ Which was published in English
- ☒ Which was not published in English
- ☐ This application claims priority of provisional application Serial No. Filed

19. CORRESPONDENCE ADDRESS



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Name:	Norman F. Oblon	Registration No.:	24,618
Signature:		Date:	12/29/00
Name:	Daniel J. Pereira, Ph.D.	Registration No.:	45,518

Docket No.

201482US0XCIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Isao KARUBE et al

FILING DATE: Herewith

FOR: METHOD FOR DETECTING DNA WITH PROBE PNA

jc913 U.S. PTO
09/749998
12/29/00

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Isao KARUB

1-3-16, Higashi-Arima, Miyamae-Ku, Kawasaki-Shi,
Kanagawa-Ken, Japan

Shinya SAWATA

3458-3, Kandatsu-Machi, Tsuchiura-Shi, Ibaraki-Ken,
Japan

Ryohei NAGATA

c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-
Cho, 1-Chome, Shinjuku-Ku, Tokyo-To, Japan

A declaration containing all the necessary information will be submitted at a later date.



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Respectfully Submitted,

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MAIER & NEUSTADT, P.C.

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Registration No. 45,518

Docket No. 201482US0XCIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Isao KARUBE et al

SERIAL NO: New Application

FILING DATE: Herewith

FOR: METHOD FOR DETECTING DNA WITH PROBE PNA

FEE TRANSMITTAL

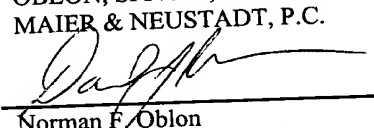
ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	20 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	3 - 3 =	0	× \$80 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$710.00
TOTAL OF ABOVE CALCULATIONS				\$840.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$840.00

- ☐ Please charge Deposit Account No. 15-0030 in the amount of _____ A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of **\$840.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
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Date: 12/29/00



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PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/03/2001 FFANAEIA 00000060 09749998

01 FC:101	710.00 OP
02 FC:105	130.00 OP

03/08/2001 YGIZAW 00000022 150030 09749998

01 FC:102	80.00 CH
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PTO-1556
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